

HARDWARE ERRATA REPORT

P/N **PBA-B-01**

phyFLEX Baseboard

Revision A0, 20 January 2014

Errata ID	Errata Title	Affected PCB No.
01	Incorrect SPI signal routing to the WiFi module connector	1364.3 and 1364.4

E01: Incorrect SPI signal routing to the WiFi module connector

Affected PCB: 1364.3 and 1364.4

Errata Impact: The i.MX6 fails to boot from SPI NOR Flash when the WiFi module (PCM-958) is connected.

Errata Description: The Baseboard routes SPI0 signals to the WiFi module connector X58. When the WiFi module (PCM-958) is connected to the Baseboard the SPI0 signal voltage lowers. Since the SPI0 signals are connected to the i.MX6 SOM on-board SPI Flash the board will fail to boot from SPI Flash.

Workaround: Hardware rework is required to disconnect the SPI0 signals from being routed to the WiFi module. On the Baseboard cut the SPI pin headers 1, 3, 5, and 20 at X58. Figure 1 below shows which pins must be cut before inserting the WiFi module.

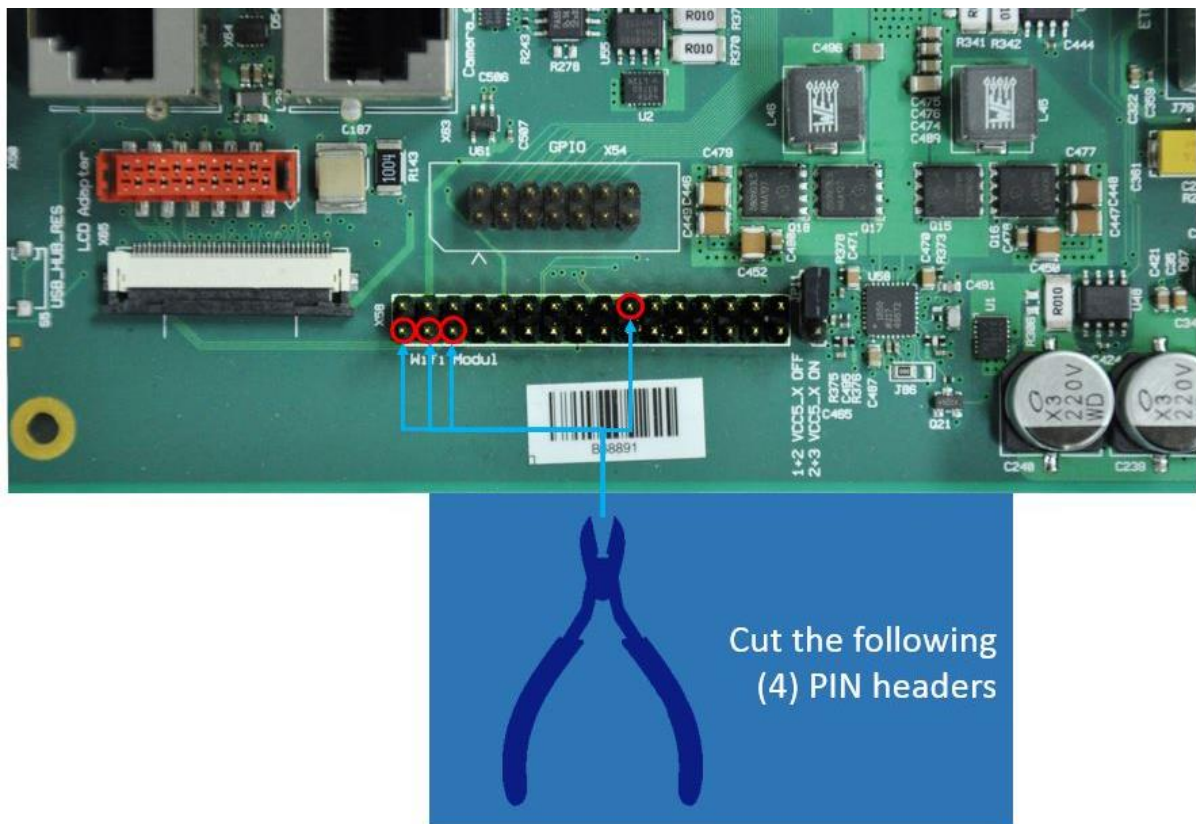


Figure 1: Errata 01 Rework

Errata Fix: Planned for Q2 2014